

## CLAIMS

1. A method for removing undesired occurrences in hair (7) and fur, using a mouth-  
piece (1, 21, 31, 102) with a mouth (108), the mouthpiece being connected to a source  
5 of vacuum (6) through a tube and containing a filter and at least one comb (2, 22, 32,  
62, 104), **characterised** in that the mouthpiece (1, 21, 31, 102) has a longitudinal,  
inclining mouth (108), that the comb (2, 22, 32, 62, 104) is fastened to the front end of  
the mouth (108) and has a steep angle relative to the longitudinal axis of the mouth-  
piece, the comb (2, 22, 32, 62, 104) covering a minor part of the mouth (108) of the  
10 mouthpiece, and that a sheaf of hair is sucked into the mouth (108) whereby the sheaf  
of hair is hanging extended in the mouthpiece (1, 21, 31, 102), that the comb (2, 22,  
32, 62, 104) is tilted in over the sheaf of hair (7) with an edge of points of teeth of the  
comb (2, 22, 32, 62, 104) is in contact with scalp or skin on which the hair is grow-  
ing, that the sheaf of hair (7) is combed by pulling the comb (2, 22, 32, 62, 104)  
15 through the sheaf of hair with the edge of the teeth in contact with the scalp or skin,  
after which the comb (2, 22, 32, 62, 104) is tilted out of the sheaf of hair (7), that the  
process including the above steps is repeated for the sheaf of hair (7), causing unde-  
sired occurrences to be detached and sucked through the mouthpiece (2, 22, 32, 62,  
104) in order subsequently to be caught by the filter (48, 78, 130) in the mouthpiece  
20 (2, 22, 32, 62, 104).
2. A method according to claim 1, **characterised** in that the steps are repeated for dif-  
ferent sheaves of hair (7).
- 25 3. A method according to claim 1 or 2, **characterised** in that the comb (2, 22, 32, 62,  
104) is tilted freely in and out of the said sheaf simultaneously with combing with  
short strokes, that the edge of points of teeth in each combing movement is drawn over  
the scalp through the habitat area of the lice and vermin, and that the same area of the  
scalp is combed with short intervals.
- 30 4. An device for removing undesired occurrences in hair and fur, where the device  
includes a mouthpiece (1, 21, 31, 102) adapted to engage one end of a tube attached to

a source of vacuum (6), the mouthpiece including a mouth and at least one comb (2, 22, 32, 62, 104) attached thereto, **characterised** in that the mouthpiece (1, 21, 31, 102) has a substantially elongated shape, that the mouth of the mouthpiece (1, 21, 31, 102) is arranged longitudinally inclining, forming a first angle relative to the longitudinal axis of the mouthpiece (1, 21, 31, 102), that the comb (2, 22, 32, 62, 104) is arranged to form a second angle relative to the longitudinal axis of the mouthpiece (1, 21, 31, 102), and that the comb (2, 22, 32, 62, 104) covers less than half of the mouth of the mouthpiece.

10 5. An device according to claim 4, **characterised** in that the device includes a filter (48, 51) with the shape of a cone and in the edge of which there is provided a number of slits (42), that the filter is disposed in the mouth of the tube connecting to the source of vacuum (6), so that the edge of the filter in the length of the slits are turned about the edge of the vacuum connecting tube, that it is retained by the connecting tube of the mouthpiece when the former is put on, and so that the said filter is easily detached from the point as this is visible in the connecting tube of the mouthpiece when the connecting tubes are separated.

20 6. An device according to claim 4 or 5, **characterised** in that the comb (2, 22, 32, 62, 104) is arranged uppermost in the mouth (108) of the mouthpiece (1, 21, 31, 102) and is readily detachable, the comb covering a relatively small area of the total area of the mouth, so that the mouthpiece under the comb presents a relatively large and open mouth.

25 7. A device according any of claims 4- 6, **characterised** in that the mouth is substantially circular as seen from the front, and that the comb (2, 22, 32, 62, 104) fits tightly to the adjacent edge of the mouth and extends in a plane substantially perpendicular to the longitudinal axis of the device.

30 8. A device according to any of claims 4 – 7, **characterised** in that the comb (2, 22, 32, 62, 104) presents an edge of points of teeth, and that the mouth inclines rearwards and downwards from the edge of points of teeth when the longitudinal axis of the mouthpiece extends substantially in horizontal direction.

9. A device according to any of claims 4 – 8, **characterised** in that the mouthpiece (61) has a bulge (69, 79) at both sides of the comb, forming a tilt axis and simultaneously forming a combing support.

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10. A device according to any of claims 4 – 9, **characterised** in that a filter is provided in association with the device and is attached readily detachable, where the filter is shaped as a cone (41) with slits along the edge.

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11. A device according to claim 10, **characterised** in that the device is provided with a further filter disposed upstream relative to the other filter, the further filter being readily detachable, shaped a cone, and provided with a hole at the bottom.

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12. A device according to any of claims 4 – 11, **characterised** in that the filter (130) is disposed at a transition between a tube (116) and a pipe (124), that the transition is formed by a locking mechanism (122) providing access to the filter (130) after unlocking, that the filter (130) is formed by a filter cylinder (132) interacting with the internal wall of the pipe (120) and containing a bottom formed by a filter (131).

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13. A device according to claim 12, **characterised** in that the filter (130) may be closed by a cover when underpressure is present behind the filter (130), that the cover includes an end piece (140) and a cylinder (138), where the cylinder of the cover engages the internal wall of the filter cylinder (132).

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14. A device according to claim 12 or 13, **characterised** in that the end piece is formed by a lens (140) for watching the contents of the filter, and that the focus of the lens may be adjusted by more or less pressing the cylinder (138) of the cover.

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15. A device according to any of claims 12 – 14, **characterised** in that the lens (140) is a Fresnel lens.